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R. Morgan
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Thomas J. CAMPANA, JR. et al
Serial No.:	07/702,938
Filed:	May 20, 1991
For:	SYSTEM FOR INTERCONNECTING ELECTRONIC MAIL SYSTEMS BY RF COMMUNICATIONS
Group:	2608
Examiner:	G. Oehling

R. Logan 6-3-94

26 n/ 6/10

AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

April 20, 1994

Sir:

This is in response to the Office Action of April 21, 1993 having a shortened statutory period for response which was reset pursuant to the April 11, 1994 Decision on Petition to run from April 11, 1994.

IN THE SPECIFICATION:

On the Cover Page, both occurrences, delete the title and insert therefor the following new title:

--SYSTEM FOR INTERCONNECTING ELECTRONIC MAIL SYSTEMS BY RF COMMUNICATIONS AND METHOD OF OPERATION THEREOF--.

Page 1, lines 2-3, delete the present title and insert therefor the following new title:

NW --**System for Interconnecting Electronic Mail Systems By RF Communications and Method of Operation Thereof**--.

Please amend the specification as follows:

Page 7, line 26, delete "the Assignee's".

Page 67, (In the Abstract), lines 1-2, delete the present title and insert therefor the following new title:

--**System for Interconnecting Electronic Mail Systems By RF Communications and Method of Operation Thereof**--

IN THE CLAIMS:

Please cancel claims 1-23 without disclaimer or prejudice and insert new claims 24-59 as follows:

~~24. A system for connecting a plurality of electronic~~ mail systems each transmitting originated information originating from one of a plurality of originating processors to at least one of a plurality of destination processors comprising:

at least one interface switch, the at least one interface switch being coupled to each of the plurality of electronic mail systems for receiving the originated information originating from the one of the plurality of originating processors in one of the electronic mail systems for transmission to the at least one of the plurality destination processors in another of the electronic mail systems; and

an RF information transmission network, coupled to the ~~at least one interface switch, for transmitting the originated~~

~~information~~ received from the one of the at least one interface switch by RF transmission to at least one RF receiver which transfers the originated information to the at least one of a plurality of destination processors within the another of the electronic mail systems.

~~25. A system in accordance with claim 24 wherein:~~

an interface address of the at least one interface switch to receive the originated information is added at the one of the plurality of originating processors originating the originated information or by the one of the electronic mail systems to the originated information; and

a destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is added to the originated information at the one of the plurality of originating processors originating the originated information or by one of the one of the electronic mail systems or the ~~interface~~ switch to receive the originated ~~information~~.

~~26.~~ A system in accordance with claim ~~24~~ wherein:

the originated information includes electronic mail system information used by the one of the electronic mail systems during transmission of the originated information through the one of the electronic mail systems; and

the at least one interface switch receiving the originated information removes the electronic mail system information and adds to the originated information, after removal of the electronic mail system information, RF transmission network information used by the RF information transmission network during transmission of the originated information to the at least one RF receiver.

4. ~~27.~~ A system in accordance with claim 3 ~~26~~ wherein:

the interface switch receiving the originated information further adds to the originated information after removal of the electronic mail system information encoded information used by the at least one of the plurality of destination processors in the another of the electronic mail systems to receive the originated information and the encoded information is decoded either by the at least one RF receiver or the at least one of the plurality of destination processors in the another of the electronic mail systems to receive the originated information and is processed by the at least one of the plurality of destination processors in the another of the electronic mail systems with a format of the another of the electronic mail systems.

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28. A system in accordance with claim 25 wherein:

the originated information includes electronic mail system information used by the one of the electronic mail systems containing the one of the plurality of originating processors used during transmission of the originated information through the one of the electronic mail systems; and

the at least one interface switch receiving the information removes the electronic mail system information and adds to the originated information, after removal of the electronic mail system information, RF transmission network information used by the RF information transmission network during transmission of the originated information to the at least one RF receiver.

29. A system in accordance with claim 28 wherein:

the interface switch receiving the originated information further adds to the originated information after removal of the electronic mail system information encoded information used by the at least one of the plurality of destination processors in the another of the electronic mail systems to receive the originated information and the encoded information is decoded either by the at least one RF receiver or the at least one of the plurality of destination processors in the another of the electronic mail systems to receive the originated information and is processed by the at least one of the plurality of destination processors in the another of the

electronic mail systems with a format of the another of the electronic mail systems.

7. 3
~~30. A system in accordance with claim 26 wherein:~~

the originated information includes electronic mail system information used by the one of the electronic mail systems containing the one of the plurality of originating processors used during transmission of the originated information through the one of the electronic mail systems; and

the at least one interface switch receiving the information removes the electronic mail system information and adds to the originated information, after removal of the electronic mail system information, RF transmission network information used by the RF information transmission network during transmission of the originated information to the at least one RF receiver.

8. 7
~~31.~~ A system in accordance with claim ~~30~~ wherein:

the interface switch receiving the originated information further adds to the originated information after removal of the electronic mail system information encoded information used by the at least one of the plurality of destination processors in the another of the electronic mail systems to receive the originated information and the encoded information is decoded either by the at least one RF receiver or the at least one of the plurality of destination processors in

the another of the electronic mail systems to receive the originated information and is processed by the at least one of the plurality of destination processors with a format of the another of the electronic mail systems.

32. A system in accordance with claim 25 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch receiving the originated information, stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

33. A system in accordance with claim 32 wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the interface switch transmits the packet and disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and wherein

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

11. 34. A system in accordance with claim 13 26 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch receiving the originated information, stores the originated information, assembles the

originated information with other originated information received from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

35. A system in accordance with claim 34 wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the interface switch transmits the packet and disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and wherein

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in

response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

36. A system in accordance with claim 27 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch receiving the originated information, stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

37. A system in accordance with claim 36 wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the interface switch transmits the packet and disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and wherein

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

38. A system in accordance with claim 28 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch receiving the originated information, stores the originated information, assembles the

originated information with other originated information received from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

39. A system in accordance with claim 38 wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the interface switch transmits the packet and disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and wherein

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in

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response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

~~40~~ 17. A system in accordance with claim ~~29~~ 6 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch receiving the originated information, stores the originated information, assembles the originated information with other originated information received from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

41. A system in accordance with claim 40 wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the interface switch transmits the packet and disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and wherein

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the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

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19. ~~42.~~ A system in accordance with claim 7 ~~30~~ wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch receiving the originated information, stores the originated information, assembles the

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originated information with other originated information received from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

43. A system in accordance with claim 42 wherein the RF information transmission network comprises:

an RF information transmission network switch, the RF information transmission network switch receiving the packet from the interface switch transmits the packet and disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and wherein

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in

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response to any added destination transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

21. 44. A system in accordance with claim 2 25 wherein:

the interface address is added by the one of the plurality of the originating processors originating the originated information; and

the destination processor address is added by the one of the plurality of the originating processors originating the originated information or a gateway switch of the one of the electronic mail systems.

45. A method for connecting a plurality of electronic mail systems each transmitting originated information originating from one of a plurality of originating processors to at least one of a plurality of destination processors comprising:

transmitting the originated information originating from one of the plurality of originating processors in one of the electronic mail systems to an interface switch;

transmitting the originated information from the interface switch to an RF information transmission network; and

transmitting the originated information with the RF information transmission network to at least one RF receiver which transfers the originated information to the at least one

of a plurality of destination processors within another of the electronic mail systems.

23. 46. A method in accordance with claim 22 45 wherein:

an interface address of the interface switch is added at the one of the plurality of originating processors originating the originated information or by the one of the electronic mail systems to the originated information; and

a destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is added to the originated information at the one of the plurality of originating processors originating the originated information or by one of the one of the electronic mail systems or the interface switch to receive the originated information.

24. 47. A method in accordance with claim 22 45 wherein:

the originated information includes electronic mail system information used by the one of the electronic systems during transmission of the originated information through the one of the electronic mail systems; and

the interface switch removes the electronic mail system information and adds to the originated information, after removal of the electronic mail system information, RF information transmission network information used by the RF

information transmission network during transmission of the originated information to the at least one RF receiver.

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~~48.~~ A method in accordance with claim ~~47~~ wherein:

the interface switch adds encoded information used by the at least one of the plurality of destination processors in the another of the electronic mail systems to the originated information and the encoded information is decoded either by the at least one RF receiver or the at least one of the plurality of destination processors in the another of the electronic mail systems and is processed by the at least one of the plurality of destination processors in the another of the electronic mail systems.

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26. 23
~~49.~~ A method in accordance with claim ~~46~~ wherein:

the originated information includes electronic mail system information used by the one of the electronic systems during transmission of the originated information through the one of the electronic mail systems; and

the interface switch removes the electronic mail system information and adds to the originated information, after removal of the electronic mail system information, RF information transmission network information used by the RF information transmission network during transmission of the originated information to the at least one RF receiver.

27. ~~50.~~ A method in accordance with claim 26 ~~49~~ wherein:

the interface switch adds encoded information used by the at least one of the plurality of destination processors in the another of the electronic mail systems to the originated information and the encoded information is decoded either by the at least one RF receiver or the at least one of the plurality of destination processors in the another of the electronic mail systems and is processed by the at least one of the plurality of destination processors in the another of the electronic mail systems.

28. ~~51.~~ A method in accordance with claim 29 ~~46~~ wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

52. A method in accordance with claim 51 comprising:

receiving the packet from the interface switch with an RF information transmission network switch which disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any destination of the at least one RF receiver transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

30. ~~53.~~ A method in accordance with claim 24 ~~47~~ wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

54. A method in accordance with claim 53 comprising:

receiving the packet from the interface switch with an RF information transmission network switch which disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the

at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any destination of the at least one RF receiver transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

32. 55. A method in accordance with claim 25 48 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

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56. A method in accordance with claim 55 comprising:

receiving the packet from the interface switch with an RF information transmission network switch which disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any destination of the at least one RF receiver transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

34. ~~57~~ A method in accordance with claim 26 ~~49~~ wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

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58. A method in accordance with claim 57 comprising:

receiving the packet from the interface switch with an RF information transmission network switch which disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the

at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any destination of the at least one RF receiver transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

36. 27
59. A method in accordance with claim 50 wherein:

the destination processor address of the at least one of the plurality of destination processors to receive the originated information in the another of the electronic mail systems is an identification number of the at least one RF receiver in the RF information transmission network; and

the interface switch stores the originated information, assembles the originated information with other originated information from a plurality of the originating processors in the one of the electronic mail systems into a packet and transmits the packet to the RF information transmission network.

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60. A method in accordance with claim 59 comprising:

receiving the packet from the interface switch with an RF information transmission network switch which disassembles the packet into information including the originated information from the plurality of originating processors in the one of the electronic mail systems; and

the RF information transmission network transmits the disassembled information including the identification number of the at least one RF receiver transferring the originated information to the at least one of the plurality of destination processors to another RF information transmission network switch in the RF information transmission network storing a file containing the identification number and any destination of the at least one RF receiver in the RF information transmission network to which the originated information and identification number is to be transmitted by the RF information transmission network and adds any destination of the at least one RF receiver stored in the file containing the identification number to the originated information and the RF information transmission network in response to any destination of the at least one RF receiver transmits the originated information and identification number to any destination of the at least one RF receiver for RF broadcast to the at least one RF receiver.

38. 23
~~61.~~ A method in accordance with claim ~~46~~ wherein:

the interface address is added by the one of the plurality of the originating processors originating the originated information; and

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the destination processor address is added by the one of the plurality of the originating processors originating the originated information or a gateway switch of the one of the electronic mail systems.

REMARKS

The present invention is summarized on pages 16-19 of the Remarks contained in the February 4, 1993 Amendment which are incorporated herein by reference in their entirety.

The specification has been amended to remove reference to "the assignee".

Claims 1-23 stand rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention.

Newly submitted claims 24-44 have been drafted to correct the informalities noted by the Examiner in the rejection of the claims on grounds of indefiniteness, to improve the form of the claims for examination and to more fully cover the scope of disclosed subject matter in the claims. The scope of the dependent claims has been changed from that covered by original claims 2-23. Attention has been paid to the recitation of

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various types of "information" which are processed within the claimed system. The terminology "originated information" has been used to identify information which is generated at one of the plurality of originating processors within the one of the electronic mail systems which is to be transmitted to at least one of a plurality of destination processors in another of the electronic mail systems. The specification as filed refers to "information originated at the originating processor within the one electronic mail system" which provides antecedent basis for "originated information". See page 39, lines 15 and 16 of the specification. The recitation of addresses in the claims has been made with respect to "an interface address" and "a destination processor address" which is intended to avoid any confusion regarding the recitation of addresses in the claims as noted by the Examiner with reference to claim 3.

It is submitted that claims 24-44 are definite and are in full compliance with 35 U.S.C. §112, second paragraph.

Newly submitted claims 45-61 define a method for connecting a plurality of electronic mail systems each transmitting originated information originating from one of a plurality of originating processors to at least one of a plurality of destination processors. Claims 45-61 define a method of operation corresponding generally to that recited in newly submitted claims 24-44. These claims are patentable over the prior art for the same reasons set forth in the February 4, 1993 Amendment.

A Supplement Declaration of the inventors, Messrs. Campana, Ponschke and Thelen will be submitted for the purpose of affirming that the claimed method was invented by the named inventors and disclosed in the application as filed.

Early allowance of claims 24-61 is respectfully requested.

A check in the amount of $165.00 is enclosed to cover the cost of fifteen (15) additional claims.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (780.29767X00), and please credit any excess fees to such deposit account.

Respectfully submitted,

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780.29767X00

SUPPLEMENTAL DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names, we believe that we are an original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:
"SYSTEM FOR INTERCONNECTING ELECTRONIC MAIL SYSTEMS BY RF COMMUNICATIONS AND METHOD OF OPERATION THEREOF"
the specification of which was filed on May 20, 1991 as application Serial No. 07/702,938 and as amended in amendments attached hereto including claims 24-86.

We hereby state that we have reviewed and understand the contents of the Amendments to the above-identified specification, and newly submitted claims 24-86, as attached.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby declare that all statements made herein of my our knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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